United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

August 26, 2013

Ms. Gail Eddings
Allegheny County Health Department
Department of Air Quality
301 Thirty-Ninth Street
Pittsburgh, PA 15201

Dear Ms. Eddings:

Subject: Confirmation of Breakdown Report
Clairton Works #2 Control Room; #13, 14, 15, 19, 20
Battery Combustion Stacks
USS Reference Number: 13-0161
ACHD Reference Number: N/A

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

James F. Dudek
Plant Manager
Clairton Works

NOTICE OF BREAKDOWN OF EQUIPMENT
ARTICLE XXI - SECTION 2108.01

1. **USS Reference Number:** 13-0161
   ACHD Reference Number: N/A

2. **Date & Time of Breakdown:** Date: 08/24/13 Time: 0830 hours

3. **Company Name:** U.S. Steel Corporation - USS Clairton Works

4. **Specific Equipment Involved or Affected:** #2 Control Room; #13, 14, 15, 19, 20 Battery Combustion Stacks

5. **BAPC Permit Number (if applicable):**

6. **Location:** Clairton, PA

7. **Nature and cause of breakdown:** An increase in pressure was detected during the UF cooling phase of the #2 Control Room's #1 Quad. Process gas may have been diverted to the underfiring gas system which upset the stack combustion stoichiometry and increased stack emissions occurred.

8. **Identification of Emissions:**

   A. **Type(s) (CO, NOX, SO2, Particulates, Hydrocarbons, etc.)** Combustion stack emission particulate.

   B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** Unknown.

   C. **Amount of each type emitted (or likely to be emitted).** Light to medium.

9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**
   The stack combustion system stabilized and normal operations resumed.

10. **Facility back in operation** - Date: 08/24/13 Time: 0930 hours

Reviewed by Coleen M. Davis Date 8-30-13
Coleen M. Davis
Senior Environmental Control Engineer Phone: 412-233-1015